

GOMULISHT, L., kand. tekhn. nauk; MISHIN, V., inzh., BORODICH, N., inzh.;
ZADOROSHOVA, E., преподаvatel'; POPOV, A., inzh.; TVALYASHVILI,
Ia.

Technological innovations. Grazhd. av. 22 no.8:22-23 Ag :65.
(MIRA 18:8)

1. Shkola vysshey letnoy podgotovki, Ulyanovsk (for Zadorosnova).
2. Lineynyye ekspluatatsionnoremontnyye masterskiye, Krasnoyarsk
(for Popov). 3. Starshiy inzh. otдела наземных сооружений
Приволжского управления, Куйбышев (for Tvalyashvili).

POPOV, A.

Keeping pace with outstanding workers. Inform. biul. VDNKH
no.2:8-10 F '65. (MIRA 18:3)

1. Nachal'nik Otdela nauchno-tekhnicheskoy propagandy TSentral'nogo
instituta nauchno-tekhnicheskoy informatsii Ministerstva putey
soobshcheniya.

POPOV, A.

POPOV, A.

Discussion on A. Chilov's and B. Zografski's article, Q fever and influenza epidemic. Suvrem. med., Sofia 5 no.2:127-130 1954.

(Q FEVER, differential diagnosis,

*influenza)

(INFLUENZA, differential diagnosis,

*Q fever)

EFREMOVA, A.; POPOV, A.

Clinico-bacteriological investigations on bacterial foci in scarlet fever. Suvrem. med., Sofia 6 no.11:99-106 1955.

1. Iz Katedrata po epidemiologia i infektsiozni bolesti pri Visshia meditsinski institut V. Chervenkov, Sofia (zav. katedrata: prof. P. Verbev).

(SCARLET FEVER, epidemiology,
in Bulgaria, foci of infect. (Bul))

POPOV, A.; VESELINOV, V.

Clinico-bacteriological considerations on dysentery during
1952-53. Suvrem. med., Sofia 6 no.11:107-113 1955.

1. Iz Katedrata po epidemiologija i infeksiozni bolesti pri
Visshia meditsinski institut V. Chervenkov, Sofia (sav.
katedrata: prof. P. Verbev).

(DYSENTERY, BACILIARY, epidemiology,
in Bulgaria. (Bul))

DZHEKDOV, L.; DIULGEROV, Iv.; ZLATEV, N.; POPOV, A.

Application of certain rentgenologic methods in pulmonary function tests in artificial pneumothorax. Suvrem. med., Sofia 6 no.12:68-71 1955.

1. Iz Okruzhnata bolnitsa-Burgas (gl. lekar: Zh. Siakolov) i Okruzhnata protivotuberkulozen dispanser-Burgas (gl. lekar: M. Karapalov).

(PNEUMOTHORAX, ARTIFICIAL,
lung x-ray. (Bul))

EXCERPTA-MEDICA Sec 4 Vol 12/5 Med. Micro. May 59

1271. ATTEMPTS AT DETERMINATION OF THE IMMUNOGENIC AND TOXIGENIC PROPERTIES OF TYPHOID AND DYSENTERY BACILLI TREATED WITH ULTRASONIC RADIATION (Bulgarian text) - Popov A., Karabashev N., Galabov S. and Karabascheva T. - IZV. MIKROBIOL. INST. (Sofia) 1958, 9 (175-181) Tables 4 Illus. 4

Ultrasonic radiated typhoid and dysentery bacilli have stronger immunogenic properties than intact cells. Suspensions subjected only to the radiation have a certain toxicity, but those also treated with formalin or heat are atoxic.

POFOV, A.

Treatment of clavicular and scapular fractures; review of therapeutic errors. Khirurgia, Sofia 11 no.5-6:479-481 1958.

1. Iz Ortopedichno-travmatologichno otделение pri Okruzhnata bolnitsa---
Pleven.

(CLAVICLE, fract.
surg., errors (Bul))
(SCAPULA, fract.
same)

POPOV, A.; ZIATEV, Nik.

Analysis of recently detected cases of active tuberculosis through
1955 in the regional tuberculosis dispensary in Burgas. Suvrem. med.
Sofia 10 no.1:133-139 1959.

1. Iz Okruzhniia tubdispanser-Burgas (Gl. lekar: M. Karapalev).
(TUBERCULOSIS, UIMONA Y, epidemiology,
in Bulgaria (Bul))

POPOV, As.; GANCHEV, M.

2 cases of osteogenesis imperfecta. Khirurgia, Sofia 13 no.11:996-999 '60.

1. Iz ortopedichno-travmatologichnogo otdelenie pri Okruzhnata bolnitsa, Pleven.
(OSTEOGENESIS IMPERFECTA case reports)

POPOV, A.; NOCHEVA, M.

Determination of iodemia. Suvrem med., Sofia no.4/5:151-156 '61.

1. Iz Katedrata po endokrinologija i bolesti na obmianata pri Instituta za spetsializatsia i usuvurshenstvuvane na lekarite. (Rukovoditel na katedrata prof. Iv. Penchev.)

(IODINE blood)

KHOLEVICH, IA., dots.; POPOV, A.

Glo~~mus~~ tumor (painful subcutaneous tumor). Khirurgiia, Sofia 14
no.2/3:381-383 '61.

(GLOMANGIOMA case reports)

'Neurology

BULGARIA

ROYNOV, R., Docent, Director, and POPOV, A., Chair of
Neurology, Higher Medical Institute (Katedra po nevrologiya,
VIII), Varna

"On the Importance of Epinephrine-like Substances and Cholin-
esterase Activity in the Pathogenesis of the Epileptic Syn-
drome"

Sofia, Nevrologiya, Psikhatriya i Nevrokhirurgiya, Vol 5,
No 3, 1966, pp 186-192.

Abstract [Authors' Russian and English summaries, modified]:
The authors determined the content of epinephrine-like sub-
stances and cholinesterase activity in the blood serum
of 53 patients suffering from epileptic seizures of different
types. In the interval between grand mal attacks, cholin-
esterase activity does not differ significantly from the normal.
The same is true (with one exception) of the epinephrine-like
substances. During grand mal and status epilepticus, epine-

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BULGARIA

KOJMOV, R., et al, Sofia, Nevrologiya, Psikhatriya i Nevrokhirurgiya, Vol 5, No 3, 1966, pp 186-192

phrine-like substances increase and cholinesterase activity decreases, returning to normal values in the subsequent hours. The tendency toward decrease of epinephrine-like substances immediately before seizures and their increase during seizures are regarded not only as a consequence but also as a pathogenetic factor acting along with changes in cholinesterase activity, precipitating the epileptic seizure. Five references, including 1 Bulgarian and 4 Russian. (Manuscript received, June 1965).

POPOV, A., polkovnik; KULIKOV, Yu., mayor, voyenny letchik perogo klassa

Tactical scheme of an interception. Av. 1 Kosm. 47 no. 12:62-65
D '64 (MIRA 18:1)

POPOV, A.

Mechanizing corrugation and stacking slate roofing. Stroi.mat., izdel.
i konstr. 1 no.8:19-21 Ag'55. (MIRA 8:11)

1, Direktor Brotsenskogo kombinata stroitel'nykh materialov
(Roofing. Slate)

POPOV, A.

Precast reinforced concrete is the basis of industrial construction. Stroi.mat., izdel.i konstr. 2 no.1:4-6 Ja '56. (MLRA 9:5)

1. Chlen Prezidiuma Akademii stroitel'stva i arkhitektury SSSR.
(Precast Concrete)

POPOV, A.
POPOV, A.

Development of the production of building materials and parts
for residential building. Gor. i sel'.stroil. no.6:6-8 Je '57.
(MIRA 10:10)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury
SSSR.

(Building materials)

POPOV, A.

Finishing materials in modern construction. Stroi.mat. 4 no.5:19-22
My '58. (MIRA 12:4)

1. Daystvitel'nyy chlen Akademii strbitel'stva i arkhitektury SSSR.
(Building materials) (Interior decoration)

POPOV, A.

Provide construction projects in the East with a powerful
building materials industry. Stroi.mat. 4 no.10:3-6 0 '58.
(MIRA 11:11)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR.
(Siberia, Eastern--Building materials industry)

POPOV, A.; SHESTOPAL, N., kand.tekhn.nauk; RUCH'YEV, A., inzh.

Houses built of prefabricated room-units. Stroitel' no.7:11 J1
'60. (MIRA 13:8)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury SSSR
(for Popov).
(Precast concrete construction)
(Apartment houses)

POPOV, A., arkhitektor

Kitchen in a Bulgarian urban apartment. Zhil.stroi. no.7:29-31
Jl '60. (MIRA 13:7)

(Bulgaria--Kitchens)

POPOV, Aleksandur, arkh.

Sanitary units in prefabricated dwellings. Arkhitektrua 8 no.7:
34-36 '61.

POPOV, A., agronom

Construction of a city-type village on the "Biruntsa" collective farm. Sel'. stroi. 16 no.10:20-21 0 '61. (MIRA 14:11)

1. Predsedatel' kolkhoza "Biruintsa" Strashenskogo rayona, Moldavskoy SSR.

(Moldavia--City planning)

POPOV, Aleksandr, arkh.

Experimental 8-story large-paneled residential house with
transverse bearing walls over large bases. Tekhnika Bulg.
13 no.5:9-11, 28 '64

SOROKIN, A.; TREBIN, F.A.; CHERNYAK, L.M.; POPOV, A.

Foreign technology. Gaz. prom. 8 no.4:50-54 '63.

(MIRA 17:10)

POPOV, A.; NOCHEVA, M. (Bolgariya)

Functional state of the thyroid gland in endemic goiter. Probl.
endok. i gorm. 9 no.6:50-55 N-D '63.

(MIRA 17:11)

1. Iz kafedry endokrinologii i bolezney obmena veshchestv Instituta
spetsializatsii i usovershenstvovaniya vrachey (dir. - prof. I.
Penchev).

POPOV, A.

Surveying from the sky. Grazhd. av. 22 no.3410-11. Nr. 105.
(MIRA 18:7)
1. Nachal'nik Moskovskogo upravleniya aviatsii spetsial'nogo
primeneniya i mestnykh vozdushnykh liniy.

POPOV, A.

You ask and we answer. Inform. biul. VDNKH no.10:13 0 '64
(MIRA 18:1)

1. Nachal'nik otdela nauchno-tekhnikeskoy propagandy Tsentral'nogo instituta nauchno-tekhnikeskoy informatsii Ministerstva putey soobshcheniya.

POPOV, Aleksandr Artem'yevich; POPOVA, Lyudmila Yevgen'yevna

[Isothermal and thermokinetic diagrams of the decomposition of undercooled austenite; handbook for the heat treatment specialist] Izotermicheskie i termokineticheskie diagrammy raspada pereokhlazhdennogo austenita; spravochnik termista. Izd.2., ispr. i dop. Moskva, Metallurgiya, 1965. 495 p. (MIRA 18:7)

FOIOV, Atanas.

The fermentation of tobacco; lecture given at the general annual meeting of the Bulgarian Agricultural Society, April 19, 1939 Sofia, Bulgarsko Zemledielsko D-vo, 1932. 24 p.

1. Tobacco.

BULGARIA/Diseases of Farm Animals - Diseases Caused by Protozoa. R-3

Abs Jour : Ref Zhur - Biol., No 10, 1958, 45456

Author : Popov, Atanas

Inst : Ministry of Agriculture.

Title : Experiments in the Therapy of Coccidiosis.

Orig Pub : Nauchn. tr. M-vo zemed., ser. zhivotnov"dstvo i vet. delo, 1956, 1, No 2, 19-24.

Abstract : Trypan blue applied in the spontaneous outbreak of coccidiosis in chicks was checking the murrain of the poultry but was ineffective in chicks affected with a severe form of the disease. The addition of a 5% solution of acaprin per 1-2 liters of drinking water in a dose of 1-2 ml. was contributing to the cessation of the murrain in chicks. Tripaflavine was ineffective.

Card 1/1

- 29 -

BIOL., NO 11, 1958, 50210

Author : Popov, Athanase.

Inst :

Title : Distomatosis in Bulgaria

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001342230006-0"

Orig Pub : Bull. Office intern. epizootics, 1957, 48, 25 session Com. Office, 496-502

Abstract : No abstract.

Card 1/1

BULGARIA

POPOV, A., Dr., [Affiliation not given,] Vidin.

"Secondary Abdominal Pregnancy in a Goat."

Sofia, Veterinarna Sbirka, Vol 60, No 6, 1963; p 23.

Abstract: Case report of observation during meat inspection of goat in slaughterhouse. Apparently, a normal pregnancy had been interrupted by a blow with uterine rupture whereupon the fetus 'fell out' into abdominal cavity but apparently continued to develop; animal was killed with the fetus was 4 months old. Photograph of specimen.

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VERSHINSKIY, Sergey Vasil'yevich, doktor tekhn.nauk; NIKOL'SKIY, Yevgeniy Nikolayevich, prof., doktor tekhn.nauk; NIKOL'SKIY, Lev Nikola-yevich, prof., doktor tekhn.nauk; POPOV, Aleksey Aleksandrovich, prof., doktor tekhn.nauk; SHADUR, Leonid Abramovich, prof., doktor tekhn.nauk; SARANTSEV, Yu.S., red.; BOBROVA, Ye.N., tekhn.red.

[Design of railroad cars for strength] Raschat vagonov na proch-nost'. Pod red. A.A.Popova. Moskva, Vses.izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1960. 359 p.

(MIRA 14:1)

(Railroads--Cars--Construction)

PMAS I BOOK INFORMATION SOV/4533

Abstracts *new series*. Institut scientifique
Universitry *abnormis*, tom 26 (Encyclopedia Symposium, Vol. 26) Moscow, 1955.
286 p. 2,400 copies printed.

Spawning Agency: Amsterdam Bank Sec. Order only to be used in the bank.
Institute in the bank.

Resp. Ed.: A. A. Litvinenko; Ed.: O. I. Pribludnyy; Tech. Ed.: B. N. Lyubimov; This book is intended for engineers.

CONTENTS. This book contains 37 articles dealing with practical work performed by mechanical engineers, such as the calculations of shells, rods and plates, and solutions of problems in stress distribution and equilibrium. Oscillation (including Euler's) and determination of shells, equilibrium of shell models, rods and plates, stability of rods, plates, frames and other members, stress concentration, and bending are discussed. Oscillation of structural rings is studied. Numerous examples and problems are included. Numerous accompany each article.

VLADY B. P. [Moscow]. Compression of an Elastic Plastic Layer [Received on 6/18/1953] 128

Burdin, E. B. [Boscow]. Bending of a Rectangular Plate Under a Local Static Load With Various Boundary Conditions [Received on 2/2/1965] 1991

NEUFUR, K. K. (Moscow). Certain Problems Associated With the Calculations in Elastic Plastic Distribution of Stresses in Soils [Received on 6/20/1975]

Mr. J. E. [redacted] [redacted]: An institution or supporting group in which Foundations [redacted] on 11/24/1974!

Eisenberg, L. A. [Ezer'kov]. Numerical Method of Successive Approximation for Investigating Plastic Deformations of Resilient Elastic Bodies Under a Complex Load [Presented on 10/2/1956]

Adams, V. H. and V. H. Bazzaz [Boston-na-Dona]. Stability and Calculation of Prisms for Deformation [Received on 4/27/1957]

Stability Calculations of ~~Wing~~
 Riksvälsbernd, E. A. (Boston-as-Bell).
 7/22/1941

Pygmy, I. A. [Osses]. Preserver Binding of a Primitive Cattleman.
 Ed. V. N. Kiselev. Irkutsk: Irkutsk Book and a Place Newspaper.
 at the House of Pygmy (located on 2/9/1986) 27/

Dzhafarzov, A. A. [Dzhezhgarbansk]. Critical Generalizations of V. Z. Vlasov's
 Definition of the Concept of the "Non-Action" Rule [Received on 2/4/1955]
 273

~~Robert A. A. (Moscow)~~ Orthogonal Polynomials With Arbitrary Powers
(received on 7/2/1965)

Dr. Lyndon B. LaRoupe, Jr. [initials]. Our Hypothesis Concerning Internal
Operations of Plastic Systems [initialed on 3/24/1992].

AVAILABLE: Library of Congress

POPOV, A.A.

Results of dispensary management of glaucoma in interregional polyclinics and in district centers. Vest. oft., Moskva 32 no.4:3-5 July-Aug 1953. (GML 25:1)

1. Of the Eye Division of the First Inter-Rayon Pugachevo Hospital.

POPOV, A.A., doktor tekhn.nauk prof.

New method for grapho-analytic determination of critical
stresses in longitudinal bending. Rasch.na prochn. no.4:243-269
'59. (MIRA 13:4)

(Strains and stresses)

SOV/145-58-7/8-8/24

25 (1)

AUTHOR: Popov, A.A., Doctor of Technical Sciences, Professor

TITLE: Graphoanalytical Estimation of Shaft Subjected to Plastic Torsion

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy - Mashinostroyeniye, 1958, Nr 7-8, pp 70-76 (USSR)

ABSTRACT: The author begins the article by giving a graphoanalytical definition of the integral $\int_0^t f(x) \varphi(x) dx$ by means

of focal points (Fig 1). On the basis of the theorem of function mean value, the above integral is expressed

by formula: $\int_0^t f(x) \varphi(x) dx = y \int_0^t \varphi(x) dx = y \Omega$, where Ω

is area limited by the curve $\varphi(x)$ and the axis x (Fig 1-b); y - mean value of the function $y = f(x)$ at the integration distance l . In Fig 2, determining the focus by means of a scale is illustrated. Details on pre-

Card 1/3

SOV/145-58-7/8-8/24

Graphoanalytical Estimation of Shaft Subjected to Plastic Torsion

paring such scales can be found in the work by the author, entitled "Method of Orthogonal Focuses in Construction Mechanics", Gosstroyizdat, 1953 [2]. According to the theory of resistance of materials, shift deformation of a round section shaft that is subjected to torsion can be expressed by formula $\gamma = \rho \theta$, where ρ is the current radius and θ - the angle of torsion. In conformity with the appearance of shift deformation, tangent stresses appear $\tau = \tau(\gamma)$. Fig 3 shows a shift diagram experimentally received. The author proceeds by giving the orthogonal focus for stress diagram (Fig 4-a-b-c) and the diagram of residual stresses (Fig 5-a-b). Taking the case when the shaft is of a tubular shape, the author determines its orthogonal focus (Fig 7-a-b) and gives a diagram of residual stresses (Fig 8-a-b). There are 8 graphs, and 2 Soviet references.

ASSOCIATION: Moskovskiy avtomekhanicheskii institut (Moscow Auto-mechanical Institute) ✓
Card 2/3

SOV/145-58-7/8-8/24

Graphoanalytical Estimation of Shaft Subjected to Plastic Torsion

SUBMITTED: April 28, 1958

✓

Card 3/3

POPOV, A.A., doktor tekhn.nauk, prof.; VLASOV, B.F., kand. fiz.-
mat. nauk, retsenzent; DANILOV, L.N., inzh., red.

[Graphicoanalytical methods used in engineering strength
calculations] Grafo-analiticheskie metody v inzhenernykh
raschetakh na prochnost'. Moskva, Mashinostroenie,
1964. 415 p. (MIRA 18:1)

POPOV, A.A.

Clinical electrovectorcardiographic and pathological anatomical
parallels in cardiac hypertrophy [with summary in English]. Vrach.
delo no.9:55-60 S '62. (MIRA 15:8)

1. Kafedra terapii (zav. - prof. V.S.Nesterov) sanitarno-gigiyeni-
cheskogo fakul'teta Kiyevskogo meditsinskogo instituta.
(HEART--HYPERTROPHY AND DILATATION) (VECTORCARDIOGRAPHY)
(ELECTROCARDIOGRAPHY)

POPOV, A.A., OREL, Ye.I.

Case of calculous anuria in an infant. *Pediatrics* 42 no.8:91
Ag'63 (MIRA 17:4)

1. Iz Dorozhnoy bel'nitsy (nachal'nik P.S. Chernikova) L'vov-
skoy zheleznoy dorogi.

POPOV, A.A.

Equipment installation operations during the construction of the
Votkinsk Hydroelectric Development. Energ. stroi. no.34:57-62 '63.

(MIRA 17:1)

1. Stroitel'stvo Votkinskoy gidroelektrostantsii.

POPOV, A.A.; FRISH, V.F.

Practive of using the method of radio waves transmitted from
boreholes in prospecting for complex ore deposits. Uch. zap.
SAIGIMSa no.8:177-181 '62. (MIRA 17:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut metodiki i
tekhniki razvedki.

POPOV, A.A.

Microassociations in a Cowberry-Polytrichum larch forest
of the central Amur Lowland. Bot. zhur. 48 no.9:1394-1397
S '63. (MIRA 16:11)

1. Dal'nevostochnyy filial Sibirskogo otdeleniya AN SSSR,
Vladivosotok.

POPOV, A.A.

PHASE I BOOK EXPLOITATION

SOV/6352

Akademiya nauk SSSR. Vychislitel'nyy tsentr

Nomograficheskiy sbornik (Collected Papers on Nomography, no. 1.)
Moscow, 1962. 248 p. 1800 copies printed.

Resp. Ed.: G. S. Khovanskiy, Candidate of Technical Sciences;
I. A. Orlova; Tech. Ed.: A. I. Korkina.

PURPOSE: This collection of papers is intended for those engaged
in research on and design of nomographs.

COVERAGE: This collection contains 27 papers concerning various
aspects of the theory, construction, and use of nomograms for
the solution of algebraic, functional, transcendental, and dif-
ferential equations. No personalities are mentioned. There
are 122 references: 102 Soviet (1 of which is a translation
from the English), 8 German, 5 French, 2 English, 2 Spanish,
2 Rumanian, and 1 Czech.

Card 1/10

Collected Papers on Nomography

80V/6352

- IX. Fel'dman, Ya. S. Graphic Solution of Some Problems of Schlicht Conformal Mapping 60
- X. Popov, A. A., Moscow. Graphic Determination of Moments With the Aid of a Moving Scale 70
1. Theorem on the existence of an orthogonal focus in the determination of a Stieltjes integral 71
 2. Graphic determination of the n^{th} moment of the area of a figure 74
 3. Moving scale for the graphic determination of the abscissas of the centers of gravity of the areas bounded by the curves x^n 77
 4. Graphic determination, with the aid of moving scale, of the n^{th} moment of the area of a figure 82
- XI. Sirenko, B. A., Volgograd. New Method of Using Nomograms Having an Oriented Moving Scale 102

Card 5/10

TUPOLEV, M.S., doktor arkh. prof.; POPOV, A.N., prof.; POPOV, A.A.,
kand. arkh. dots.; SHKINEV, A.N., inzh., dots.; KHRUSTALEV,
A.A., kand. arkh. dots.; NEYSHTADT, L.I., nauchnyy red.;
FEDOROVA, T.N., red. izd-va; KOROBYKOVA, N.I., tekhn. red.

[Public and industrial buildings] Grazhdanskie i promyshlen-
nye zdaniia. Pod obshchei red. M.S. Tupoleva. Moskva, Gos-
stroizdat. Pt. 2. [Industrial buildings] Promyshlennye zdaniia.
1963. 198 p. (MIRA 16:7)

1. Chlen-korrespondent Akademii stroitel'stva i arkhitektury
SSSR (for Popov, A.N.). 2. Prepodavatel Moskenskogo arkhitek-
turnogo instituta (for Tupolev, Popov, A.N., Popov, A.A.,
Shkinev, Khrustalev).
(Industrial buildings)

POPOV, Aleksandr Artem'yevich; GEL'D, P.V., red.; SHTEYNBERG, M.M.,
red.; SYRCHINA, M.M., red. izd-va; MAL'KOVA, N.T., tekhn.
red.

[Theoretical basis of the chemical and heat treatment of steel]
Teoreticheskie osnovy khimiko-termicheskoi obrabotki stali.
Sverdlovsk, Metallurgizdat, 1962. 118 p. (MIRA 15:10)
(Steel-heat treatment) (Diffusion coatings)

BROVKOVICH, D.A.; POPOV, A.A.; ZIMIN, A.I.; KOMAROV, G.V.;
ABROSKIN, P.I.; ZAV'YALOVA, A.N., red.; GERASIMOVA, Ye.S.,
tekhn. red.

[Industrial planning in an economic region; practice of the
Rostov Economic Council] Planirovanie promyshlennosti v ekono-
micheskom raione; opyt Rostovskogo sovnarkhoza. Moskva, Ekonom-
izdat, 1962. 187 p. (MIRA 15:7)
(Rostov Province--Economic policy)

POPOV, A.A., kand.tekhn.nauk; SHEVCHENKO, G.A., tekhn.red.

[Combination-type engines with free-piston diesel gas generators and gas turbines] Kombinirovannye dvigateli so svobodnoporshnevymi dizel'-generatorami gaza i gazovymi turbinami. Moskva, Vses. in-t nauchn.i tekhn.informatsii, 1960. 87 p.

(MIRA 15:5)

(Gas and oil engines)

PONOMAREV, S.D., prof.; TIKHOMIROV, Ye.N., prof.; SERENSEN, S.V., prof.;
MALININ, N.N., prof.; POPOV, A.A., prof.; KRYUKOVSKIY, S.S., prof.;
SOKOLOV, S.N., prof.

[Program of the course "Strength of materials" for departments of
mechanical engineering in technical institutes] Programma kursa
"Soprotivlenie materialov" dlia mashinostroitel'nykh i mekhaniche-
skikh spetsial'nostei vysshikh tekhnicheskikh uchebnykh zavedenii.
Moskva, Izd-vo "Vyshaia shkola," 1959. 15 p. (MIRA 15:1)

1. Russia (1923- U.S.S.R.) Ministerstvo vysshogo i srednego spe-
tsial'nogo obrazovaniya.

(Strength of materials--Study and teaching)

POPCV, A. A.

Popov, A. A. "Relative Determinations of Gravity in Ferghana in 1928." Trudy
Tsentr. Nauchno-Issled. Geologo-Razvedovat. Instituta. Leningrad-Moscow-Novosibirsk,
No. 4, 1934, pp. 1-44.

POPOV, A.A.; SULTAN, N.N.

Rare case of triorchidism. Vrach.delo no.3:151-152 Mr '63.
(MIRA 16:4)

1. Urologicheskoye otdeleniye (nachal'nik - A.A.Popov)
Dorozhnoy bol'nitsy Levovskoy zheleznoy dorogi.
(TESTICLE--ABNORMALITIES AND DEFORMITIES)

TUPOLEV, M.S., doktor arkh, prof.; SHKINEV, A.N., inzh., dots.;
~~POPOV, A.A.~~, kand. arkh. dots.; DUZINKEVICH, S.Yu., nauchnyy
red.; IVANOV, S.A., nauchnyy red.; FEDOROVA, T.N., red.izd-va;
KOROBKOVA, N.I., tekhn. red.

[Residential, public and industrial buildings]Grazhdanskie i
promyshlennyye zdaniia. Moskva, Gosstroizdat. Pt.1.[Residen-
tial and public buildings]Grazhdanskie zdaniia. Pod obshchei
red. M.S.Tupoleva. 1962. 275 p. (MIRA 16:3)
(Buildings—Design and construction)

POPOV, A.A.

Vectorcardiogram in mitral stenosis with pulmonary hypertension.
Kardiologiya 2 no.2:29-38 Mr-Apr '62. (MIRA 15:5)

1. Iz kafedry terapii (zav. - prof. V.S.Nesterov) sanitarno-
gigiyenicheskogo fakul'teta Kiyevskogo meditsinskogo instituta
(dir. - dotsent V.D.Bratus'). (MITRAL VALVE--DISEASES)
(VECTORCARDIOGRAPHY) (HYPERTENSION)

SULTAN, N.N.; POPOV, A.A.

Bilateral diverticula of the ureters. Urologiia 25 no. 5:62-63 S-0
'60. (MIRA 14:1)

(URETERS—DISEASES)

POPOV, A.A.

Wall-rock changes in the Uch-Ochak polymetallic deposit. *Geokhimiia*
no. 4:298-305 '61. (MIRA 14:5)

1. Vernadskiy Institute of Geochemistry and Analytical Chemistry
Academy of Sciences U.S.S.R., Moscow.
(Kara-Mazar—Ore deposits)
(Metamorphism (Geology))

NESTEROV, V.S., prof.; POPOV, A.A.

Treatment of mitral stenosis and pulmonary hypertension with
euphyllin and reserpine. Vrach. delo no. 1:25-30 '61. (MIRA 14:4)

1. Gospital'naya terapevticheskaya klinika Voronezhskogo meditsin-
skogo instituta.

(MITRAL VALVE—DISEASES) (HYPERTENSION)
(AMINOPHYLLINE) (RESERPINE)

MALININ, S.D., nauchnyy sotr. [translator]; NOVIKOV, Yu.P., nauchnyy sotr. [translator]; POPOV, A.A., nauchnyy sotr. [translator]; TRUSOV, Yu.P., nauchnyy sotr. [translator]; YAROSHEVSKIY, A.A., nauchnyy sotr. [translator]; SHCHERBINA, V.V., red.; ZNAMENSKAYA, V.K., red.; PRIDANTSEVA, S.V., tekhn. red.

[Thermodynamics of geochemical processes] Termodinamika geokhimi-
cheskikh protsessov; sbornik statei. Moskva, Izd-vo inostr. lit-ry,
1960. 270 p. (MIRA 14:7)

1. Institut geokhimii i analiticheskoy khimii im. Vernadskogo AN
SSSR (for Malinin, Novikov, Popov, Trusov, Yaroshevskiy)
(Geochemistry)

POPOV, A.A., inzh.

New BOM-K10 air-driven jig with high operating efficiency. Ugol'
36 no. 1:56-58 Ja '61. (MIRA 14:1)

1. Nauchno-issledovatel'skiy institut Ugleobogashcheniya.
(Coal preparation plants—Equipment and supplies)

POPOV, A.A., prof., doktor tekhn.nauk

Determining the safety factor for car axles under nonsteady load
conditions. Vest TSNII MPS 19 no.3:32-36 '60. (MIRA 13:10)
(Car axles) (Metals—Fatigue)

POPOV, A.A.; SULTAN, N.N.

Treatment of patients with calculi in the intramural and juxtavesical portions of the ureter. Vrach.delo no.11:124-125 N '60. (MIRA 13:11)

1. Bol'nitsa L'vovskoy zheleznoy dorogi.
(CALCULI, URINARY)

POPOV, Aleksandr Anatol'yevich; SHVARTS, Raul' Yanovich [deceased]; ZAVEL'-
SKIY, D.Ya., red.; AL'TMAN, T.B., red. izd-va.

[Efficiency of using fuel gases on various kinds of transportation;
practice of the Azerbaijan Economic Region] Effektivnost' primene-
niia goriuchikh gazov na razlichnykh vidakh transporta; na primere
Azerbaidzhanskogo ekonomicheskogo raiona. Baku, Azerbaidzhanskoe gos.
izd-vo neft. i nauchno-tekhn. lit-ry, 1960. 121 p. (MIRA 14:7)
(Gas as fuel)

POPOV, Aleks

An interesting neuropteran (Nemoptera sinuata) in Bulgaria.
Priroda Bulg 12 no.3:90-93 My-Je '63.

POPOV, A. A.

PA 67T98

USSR/Mines and Mining
Mining Methods
Fire Prevention

Jun 1948

"Selection of a Method of Mining the Nikolayevsk Deposits," A. A. Popov, I. A. Perminov, Engineers, UNIPROMED', 2½ pp

"Gor Zhur" No 6

These deposits were worked by the open pit method. However, the cost of setting up equipment and preparing the site were high. Suggests tunneling method for digging these copper ores. Warns, however, that great care must be taken to select the most appropriate method for mining to prevent, as far as possible, the occurrence of fires.

LC

67T98

KLEYNGOL'D, V.Ya.; POPOV, A.A.; ZURKOV, P.E., dots.

Stripping operations at the Sokolovka open pit iron ore mine.
Gor.zhur. no.11:16-21 N '48. (MIRA 11:11)

1. Nachal'nik Sokolovskogo zhelezorudnogo kar'yera (for Kleyngol'd).
2. Glavnyy inzhener Sokolovskogo zhelezorudnogo kar'yera (for Popov).
(Sokolovka(Kustanay Province)--Strip mining)

ПОПОВ, А. А. (Eng.)

Mining Engineering

Problems concerning mine pressure in the Nikopol' Basin. Gor. zhur. no. 5, 1952.

9. Monthly List of Russian Accessions, Library of Congress, August ¹⁹⁵² ~~1953~~ Unclassified.

POPOV, A. A.

PODKOLZIN, P.S., kandidat tekhnicheskikh nauk; POPOV, A.A., inzhener;
FRESHMAN, I.B., inzhener; DANCHICH, V.V., inzhener; SEMIZ, M.D.,
otvetstvennyy redaktor; GORITSKIY, A.V., redaktor; SHPAK, Ye.G.,
tekhnicheskii redaktor; PROZOROVSKAYA, V.L., tekhnicheskii re-
daktor.

[Blasthole drill] Instrument dlia bureniia shpurov. Moskva, Ugle-
tekhizdat, 1953. 163 p.
(Boring machinery) (MLRA 7:8)

Popov, A.A.
DREMAYLO, P.G., inzh.; POPOV, A.A., inzh.

New machines and apparatuses for coal preparation in mineral
suspensions. Sbor. inform. po obog. i brik. ugl. no.4:13-20
'57.

(Coal preparation--Equipment and supplies)

(MIRA 11:6)

POPOV, A.A.

DREMYLO, P.G., inzh.; POPOV, A.A., inzh.

Coal preparation in foreign countries using mineral suspensions.

Sbor. inform. po obog. i brik. ugl. no. 4:49-50 '57. (MIRA 11:6)

(Coal preparation--Equipment and supplies)

PODKOLZIN, Pavel Semenovich, kand. tekhn. nauk; ~~POPOV, Aleksey Aleksandrovich,~~
inzh.; ~~FRESHMAN, Iosif Bentsionovich, inzh.;~~ ~~DANCHICH, Valeriy~~
Valerianovich, inzh.; PAVLOV, K.V., otvetstvennyy red.; ZVORYKINA,
L.N., red. izd-va; SABITOV, A., tekhn. red.

[Machines and tools for drilling blastholes] Mashiny i instrument
dlya bureniia shpurov. Moskva, Ugletekhizdat, 1958. 176 p.
(Boring machinery) (MIRA 11:8)

Popov, A.A.

KRASTOSHEVSKIY, L.S.; DANCHICH, V.V.; AVDIYENKO, T.G.; ARKHANGEL'SKIY, A.F.;
GAK, A.M.; YEPIFANTSEV, Yu.P.; ZELINSKIY, V.M.; IVANOV, P.S.; IVASHCHENKO,
P.R.; KALININA, M.D.; KRAVCHENKO, A.G.; KOTLYAROVA, A.V.; KRUGLYAKOVA,
M.D.; LEVIKOV, I.I.; LIBKIND, R.I.; NIKOLAYEVA, N.A.; NAUMENKO, V.F.;
PRESHMAN, I.B.; PRISYAZHENNIKOV, V.S.; POBEDINSKAYA, L.P.; POKALYUKOV,
S.N.; POPOV, A.A.; SOLOMENTSEV, M.N.; TARASOV, I.V.; FILONENKO, A.S.;
SHISHOV, Ye.L.; SHRAYMAN, L.I.; YAKUSHIN, N.P.; ZVORYKINA, L.N., red.
izd-va; LOMILINA, L.N., tekhn.red.

[Horizontal mining in foreign countries] Provedenie gorizonta'nykh
vyrabotok za rubezhom. Moskva, Ugletekhizdat, 1958. 342 p. (MIRA 12:4)

1. Kharkov. Vsesoyuznyy nauchno-issledovatel'skiy institut organizatsii
i mekhanizatsii shakhtnogo stroitel'stva.
(Mining engineering)

AUTHORS: Popov, A.A., Velikanov, S.Z.

SOV-127-58-9-3/20

TITLE: Ways to Increase Labor Efficiency in the Mines of the Nikopol'-Manganets Trust (Puti uvelicheniya proizvoditel'nosti truda na rudnikakh tresta Nikopol'-Manganets)

PERIODICAL: Gornyy zhurnal, 1958, Nr 9, pp 22-25 (USSR)

ABSTRACT: Strip mining operations in the Nikopol' manganese basin were introduced in 1952, and since then, owing to especially favorable ground conditions, more and more ore has been extracted by this method. By 1965, 67 % of all mining operations will be by this method. the authors found that in underground mining, although modern equipment was used, there was no increase in labor efficiency. This was caused by bad geological conditions and because the exploited layers were deep and unfavorably located. The authors consider strip mining as the only possible way to increase labor efficiency. There are 6 tables.

ASSOCIATION: Trest Nikopol'-Manganets (The Nikopol'-Manganets Trust)

1. Ores--Production--Effectiveness 2. Mining industry--USSR

Card 1/1

SOV/127-58-11-4/16

AUTHORS: Kleyngol'd, V.Ya., Director of the Mine, Popov, A.A., Head Engineer and Zurkov, P.E., Dotsent

TITLE: Stripping Work at the Sokolovskoye Opencast Iron Ore Mine (Vskryshnyye raboty na Sokolovskom zheleznorudnom kar'yere)

PERIODICAL: Gornyy zhurnal, 1958, Nr 11, pp 16 - 21 (USSR)

ABSTRACT: The timely execution of stripping works and the preparation of a normal working surface for opencast mining in the Sokolovskoye-Sarbay trust were the most important factors in starting the production of iron ore in the quantities foreseen by the plan (Sokolovskoye deposits - 5,000,000 tons and the Sarbay deposit - 10,000,000 tons a year). By 1 January 1958, 17,000,000 tons out of the 28,000,000 tons of overburden were removed at the Sokolovskoye deposit. The daily volume of stripping operations gradually increased from 12,000 cubic m in 1956 to 50,000 cubic m at the end of 1957. This increase was the result of the utilization of new transportation machines and of an improved organization of work at the mine. Roads for trucks and railways were built. The authors describe in detail different types of excavators,

Card 1/2

SOV/127-58-11-4/16

Stripping Works at the Sokolovskoye Opencast Iron Ore Mine

bulldozers and trucks used, as well as the organization of working brigades. During the first 6 months of 1958, a total of 425,963 tons of iron ore was produced at the Sokolovskoye deposit. There are 6 tables, 1 photo and 2 Soviet references.

ASSOCIATION: Sokolovsko-SarbaySKIY Kombinat (The Sokolovskoye-Sarbay Kombinat)

Card 2/2

1. Mining engineering--USSR

Forov M. A.

BAZHENOV, Ivan Ivanovich, inzh.; LEONENKO, Ivan Abramovich, inzh.; KHAR-
CHENKO, Aleksey Kondrat'yevich, kand.tekhn.nauk. Prinsipali uchastiye:
DOBROVOL'SKIY, V.V., kand.tekhn.nauk; BORODULIN, K.Ya., inzh.; POPOV,
A.A., inzh.; KHODAKOV, I.K., red.izd-va; PROZOROVSKAYA, V.L., tekhn.
red.

[Coal mines and mining in the Chinese People's Republic] Ugol'naya
promyshlennost' Kitaiskoi Narodnoi Respubliki. Moskva, Gos.nauchno-
tekhn.izd-vo lit-ry po gornomu delu Gosgortekhnizdat, 1959. 479 p.
(MIRA 13:2)

(China--Coal mines and mining)

BROVMAN, Ya.V., inzh.; KHANIN, A.M., inzh.; VASIL'YEV, A.A., inzh.;
SHRAYMAN, L.I.; POPOV, A.A.; KALININA, M.D.

Results of testing new boring bits. Shakht. stroi. 4 no. 6:8-
12 Je '60. (MIRA 13:11)

1. Kombinat Stalinshakhtostroy (for Brovman, Khanin).
2. Trest Stalinshakhtostroy (for Vasil'yev).
3. Ukrainskiy nauchno-issledovatel'skiy institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva (for Shrayman, Popov, Kalinina).
(Boring machinery)

DESYATNIKOV, D.T.; CHESNOKOV, N.I.; POPOV, A.A.; NIKOLAYEV, V.D.;
BYKHOVSKIY, A.V.; SHAPIRO, P.I.; SIFYAGINA, Z.A., red. izd-
va; MINSKER, L.I., tekhn. red.

[Lowering the dust content of mine air] Snizhenie zapylen-
nosti rudnichnoi atmosfery. Moskva, Gosgortekhzdat, 1962.
175 p. (MIRA 15:11)

(Mine dusts)

PODKOLZIN, Pavel Semenovich, kand. tekhn. nauk; POPOV, Aleksey Aleksandrovich, inzh.; PRESHEMAN, Iosif Bentsionovich, inzh.; DANCHICH, Valeriy Valerianovich, inzh.; POCHENKOV, A.K., otv. red.; KOSTON'YAN, A.Ya., red.izd-va; MAKSIMOVA, V.V., tekhn. red.

[Machines for drilling holes] Mashiny dlia bureniia shpu-
rov i skvazhin. Moskva, Gosgortekhnizdat, 1963. 155 p.
(MIRA 16:8)

(Boring machinery)

~~POPOV, A.A.~~, inzh.; FAIZULIN, A.M., inzh.; MALININ, V.A., inzh.;
CHEREPANOV, N.R., inzh.; SHALAYEV, V.V., inzh.

Improving boring and blasting operations in open pits. Vzyv.
delo no.51/8:143-149 '63. (MIRA 16:6)

(Boring) (Blasting)

VOLOGDIN, E.I.; POPOV, A.A.

High-frequency strain-measuring unit. Izv. tekhn. no. 8:30-31 Ag '64.
(MIRA 17:12)

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Corrosion of marine boilers. A. A. Popov. *Sudostroenie* 8, 474-80(1938); *Chem. Zvesti*, 1939, 1, 1044.

The back and side walls, sections in contact with the fire box, the cylindrical lower portion and the pipes lying at the level of the grates (in the case of coal firing) are all subject to severe corrosion. In addn. to changes in structural design, practical and theoretical considerations indicate the following chem. measures to be useful in reducing corrosion: the use of high-grade, homogeneous, heat-treated (annealed) materials; the prevention of corrosion-fatigue cracks, leaks, the collection of dirt and sediment in the boiler, and damage during cleaning; improvement of circulation of the water; feeding from the top with deaerated feed water, at best with condensate + distillate or raw water chemically treated to prevent scale formation (Na no. of the boiler water 250-600); the installation of equipment for the removal of boiler scale; use of closed filters; and finally insulation against heat loss and prevention of trickling through of water.

Metallurgical Literature Classification

POPOV, A. A.

Minimum technical requirements for operators of motor ships. Moskva, Izd-vo Nerkomrech-flota SSSR, 1945. 155 p.

ГОРЧ, А. А., Engr.

Cand. Tech. Sci.

Dissertation: "Conversion of Two-Cycle Diesel Engine to Gas." Moscow Inst of Mechanization and Electrification of Agriculture imeni V. M. Molotov, 15 Jan 47.

SO: Vechernyaya Moskva, Jan, 1947 (Project #17836)

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POPOV, A. A.

USSR/Marine Engines 4405.0500

Oct 1947

"The 3-D6 Ship Engine,"⁽¹⁾ A. A. Popov, 4 pp

"Rechnoy Transport" Vol VII, No 9

A highly technical study of the 3-D6 engine. Includes pertinent data on engine, a detailed diagram of engine and graphs depicting external, economic, regulator and spiral characteristics of engine.

LC

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POPOV, A. A.

PA 14/49T33

USSR/Engineering
Engines, Diesel

Aug 48

"Fifty Years of Diesel Production," A. A. Popov,
Cand Tech Sci, and Prof B. E. Shprink, 2 $\frac{1}{4}$ pp

"Vest Mashinostroy" No 8

Reviews progress of diesel construction in Russia
from 1898 to 1948.

14/49T33

F.A.

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666. CHARACTERISTICS OF MERCEDES INTERNAL COMBUSTION ENGINES.
Popov, A.A. (Moscow: Rechizdat, 1951, 60pp., 2.90 rubs; title
in Rechnotransport (River Transport), Jan.-Feb. 1952, p.4 of
cover.).

POPOV, A. A.

Thermotechnical tests on power installations of Diesel-motor and gasoline motor ships.
Moskva, Izd-vo Ministerstva rechnogo flota SSSR, 1952. 139 p. (53-21190)

VM770.P68

POPOV, A. A.

Uchebnoe posobie dlia motorista morskogo sudna [Textbook for the maritime mechanic]
Moskva, Morskoi transport, 1952. 319 p.

SO: Monthly List of Russian Accessions, Vol. 6 No 10 January 1954

POPOV, A.A., kandidat tekhnicheskikh nauk.

Some characteristics of engines of type Ch10,5/13. Trudy
TSNIIT no.23:15-21 '53. (MLRA 8:3)
(Marine engines)

POPOV, A.A.; PUGAVKO, S.V., redaktor; ALEKSANDROV, L.A., redaktor;
KRASNAYA, A.K., tekhnicheskii redaktor.

[Fuel system of marine diesel engines.] Toplivnaia apparatura
sudovykh dizelei; konstruktsiia i tekhnicheskaiia ekspluatatsiia.
Moskva, Gos.izd-vo vodnogo transporta, 1954. 226 p.
(Marine engines)(Diesel engines) (MLRA 8:3)

POPOV, A.A.

ORLIN, Andrey Sergeyevich; KRUGLOV, Mikhail Georgiyevich; KORCHAGIN, M.I.,
kand. tekhn. nauk, retsenzent; POPOV, A.A., kand. tekhn. nauk, red.;
BASKETSYAN, A.A., inzh., red. idz-va; EL'KIND, V.D., tekhn. red.

[Heavy-duty two-stroke marine diesels] Sudovye dvukhtaktnye dizeli
bol'shoi moshchnosti. Moskva, Gos. nauchno-tekhn. izd-vo mashino-
stroit. lit-ry, 1958. 95 p. (MIRA 11:10)
(Marine diesel engines)

CHUMACHENKO, Ivan Ivanovich; POPOV, A.A., redakter; ALEKSANDROVA, L.A.,
redakter; VOLKOVA, ~~tekhnicheskii~~ ^{tekhnicheskii} redakter.

[Internal combustion engines for ships] Sudovye dvigateli vnutrennego
sgeraniia. Moskva, Izd-vo "Morskoi transport." Pt.1. [Description of
the construction of marine engines] Opisanie konstruktsii sudovykh
dvigateli. 1955. 319 p. (MLRA 9:4)
(Marine engines)

POPOV, A. A. and B. E. SHPRINK.

Piat'desiat let otechestvennogo dizelestroeniia. (Vestn. Mash., 1948.
no. 8, p. 69-71)

Fifty years of Diesel engine construction in Russia.

DLC: TN4-V4

SO: Manufacturing and Mechanical Engineering in Soviet Russia, Library
of Congress, 1953.

POPOV, Aleksandr Anatol'yevich; VOSKRESENSKIY, N.N., red.; MEYMAN, I.I.,
red.; BUKICHEVA, M.N., tekhn.red.

[Manual for ships' engineers] Uchebnoe posobie dlia motoristov
morskogo sudna. Izd. 3-e, perer. Moskva, Izd-vo "Morskoi
transport," 1957. 261 p.
(Marine engines)

(MIRA 11:5)

Fedorov, A. A.
POPOV, Aleksandr Anatol'yevich; KRUTIN, G.I., retsenzent; FEDOROV, V.F.,
retsenzent; LEONT'YEVSKIY, Ye.S., red.; KEMRLIN, K.Z., red.izd-va;
TSVETKOVA, S.V., tekhn.red.

[Internal combustion marine engines] Sudovye dvigateli vnutrennego
sгорания. Moskva, Izd-vo "Rechnoi transport," 1957. 426 p.
(Marine engines) (MIRA 11:2)

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SOV/31-59-4-2/14

AUTHORS:

Kazanli, D.N., Popov, A.A., Antonenko, A.N.

TITLE:

Deep Seismic ¹²Sounding in Central Kazakhstan

PERIODICAL:

Vestnik Akademii nauk Kazakhskoy SSR, 1959, Nr 4,
pp 26-36 (USSR)

ABSTRACT:

In accordance with the general plan for regional geophysical projects of the Kazakhskiy geofizicheskiy trust. Ministerstva geologii i okhrany neдр KazSSR (Kazakh Geophysical Trust of the Ministry of Geology and Conservation of Mineral Resources of the Kazakhskaya SSR) from 1957 to 1958 the Institut geologii (Institute of Geology) of the AS of the Kazakhskaya SSR traced a deep seismic sounding profile from Lake Balkhash to Temir-Tau, i.e. through the southern zone of Central Kazakhstan which is richest in mineral deposits. This profile (fig 3 (diagram)), which is about 400 km long, is the natural continuation of the profile traced by a group of collaborators of Academician G.A. Gamburtsev during 1949, 1950 and 1953 ✓

Card 1/6